

MCF 3M Opener

Simplify

i) $\frac{3^2 \cdot (2^3)^2}{3(2)^2}$ ii) $3^3 \div 3^{-2}$

iii) $9^{1/2}$ $16^{3/4}$

Apr 28-10:10 AM

MCF 3M Opener

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i) $\frac{3^2 \cdot (2^3)^2}{3(2)^2}$ ii) $3^3 \div 3^{-2}$

iii) $9^{1/2}$ $16^{3/4}$

$\frac{3^2 \cdot 2^6}{3 \cdot 2^2} = 3 \cdot 2^4$

$3^{3 - (-2)} = 3^5$

$(\sqrt[2]{9})^3 = 3^3 = 27$

$(\sqrt[4]{16})^3 = 2^3 = 8$

$(\sqrt[2]{32})^2 = 32$

$9^{1/2} = 3$

$16^{3/4} = 8$

$3^{1/2} = \sqrt{3}$

$16^{3/4} = 8$

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$-16^{3/4}$

$-4\sqrt[4]{16}$

$-(2)^3$

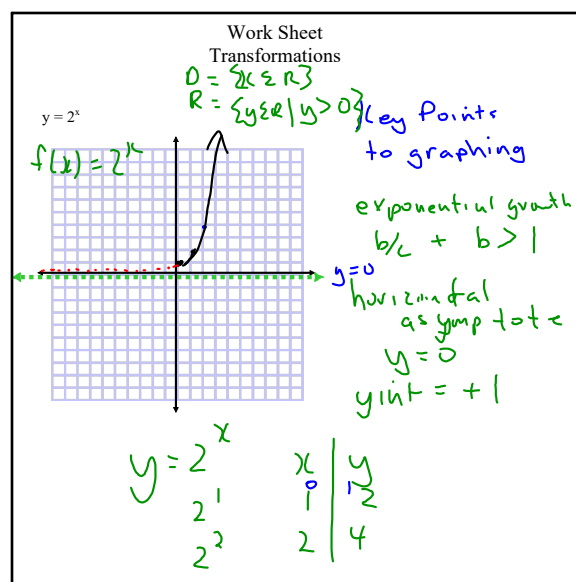
-8

$(-16)^{3/4}$

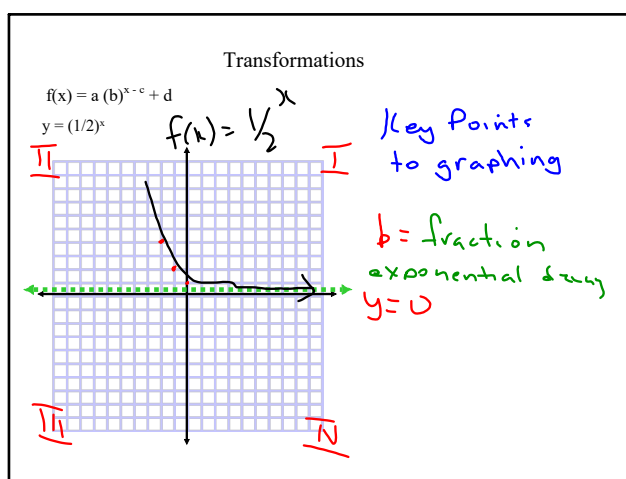
$(\sqrt[4]{-16})^3$

undefined

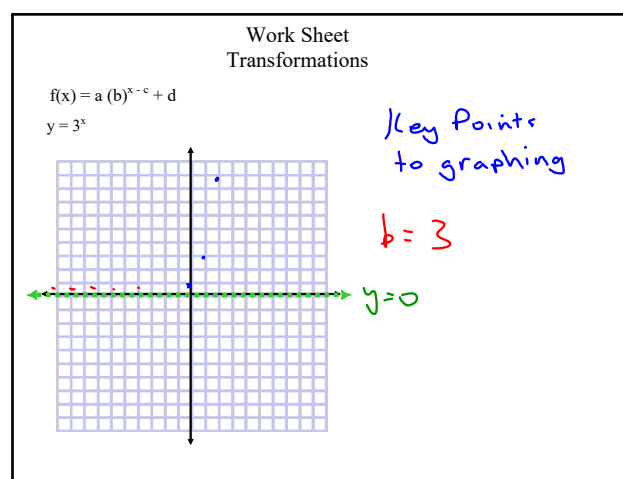
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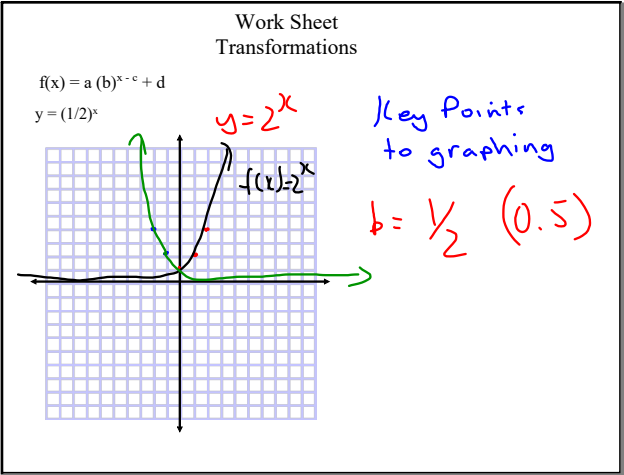
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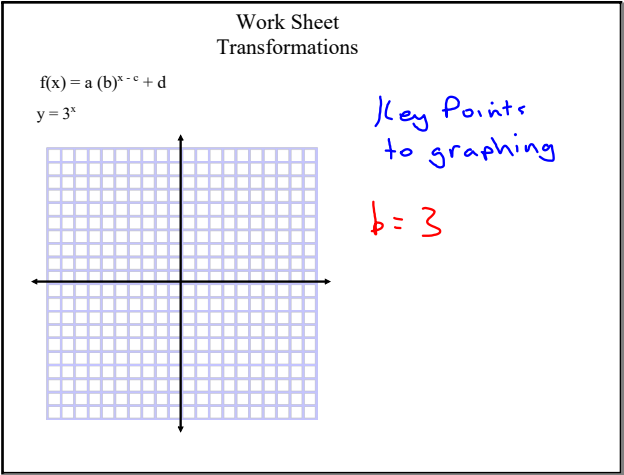
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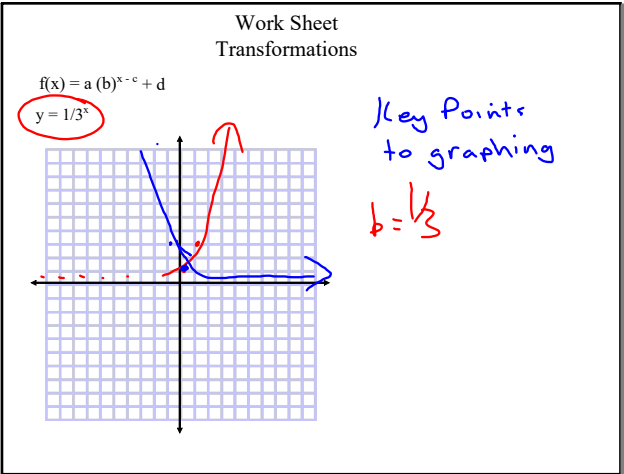
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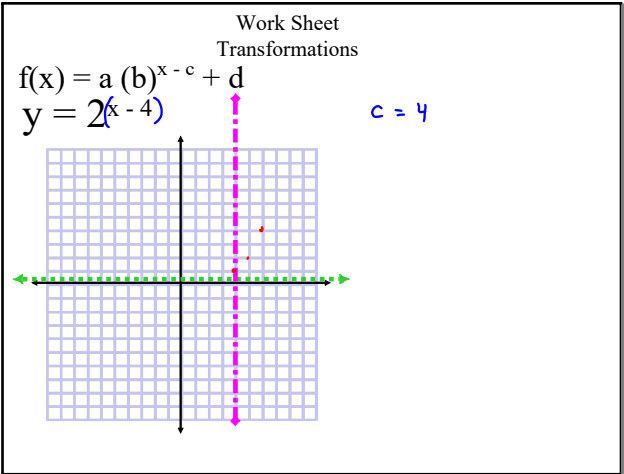
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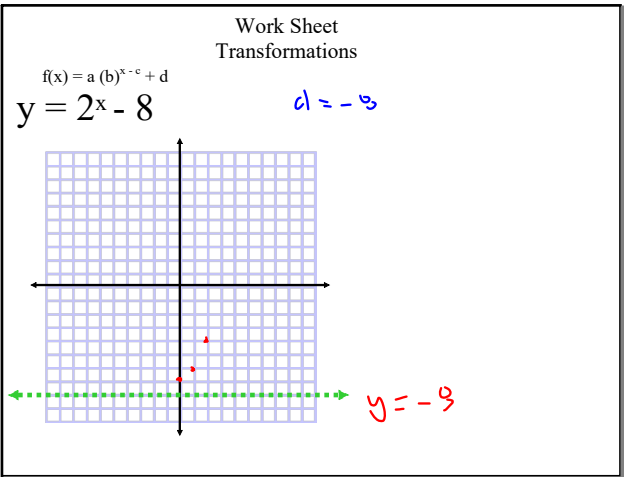
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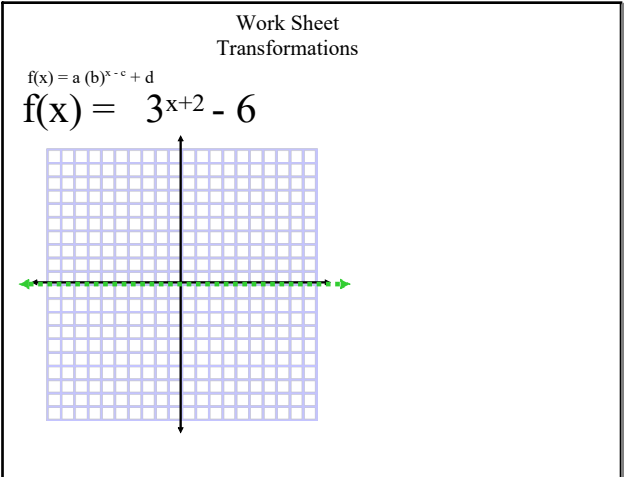
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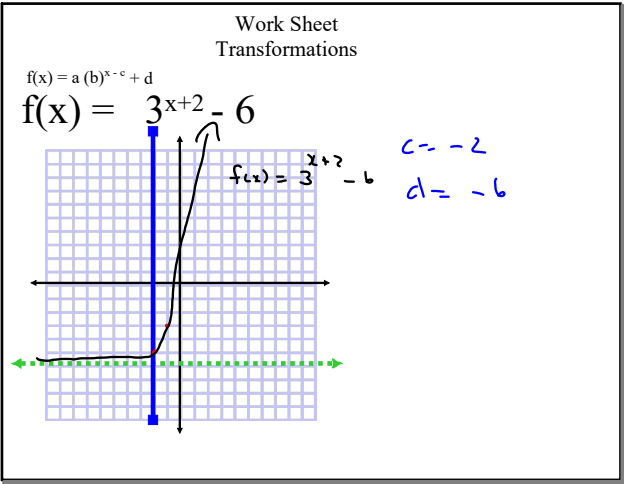
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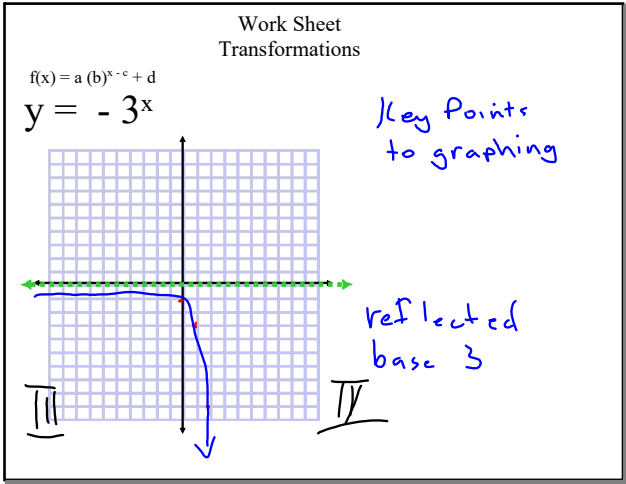
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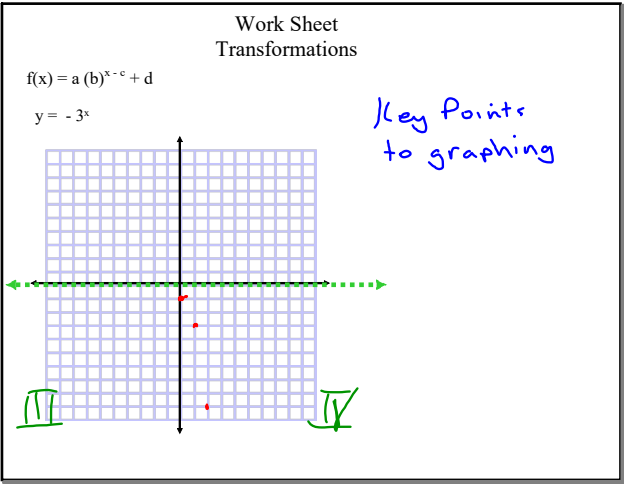
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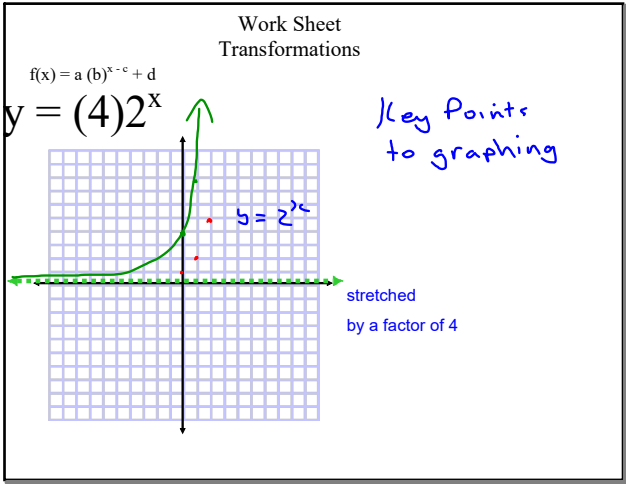
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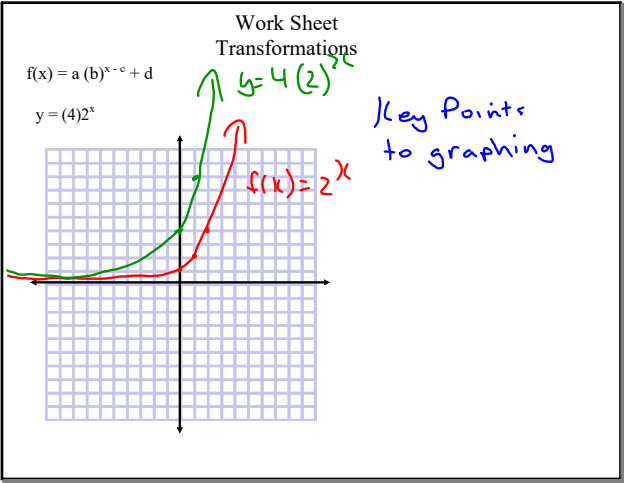
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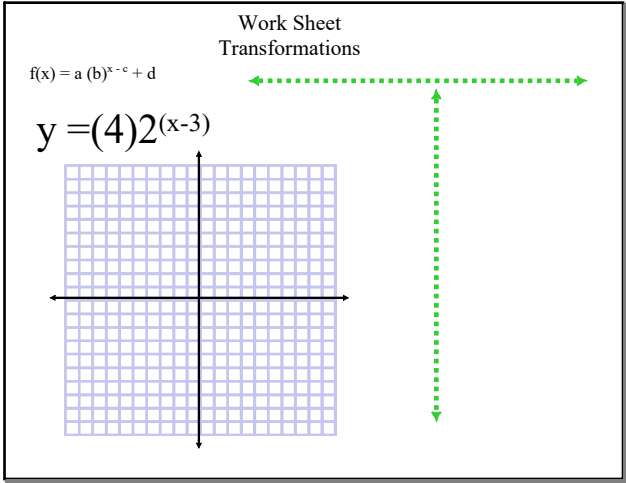
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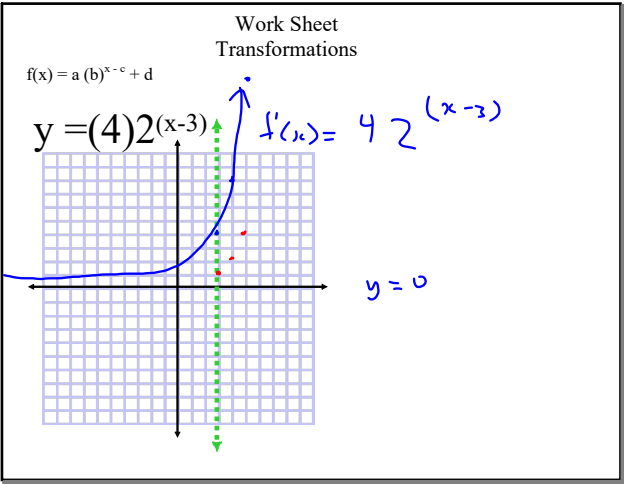
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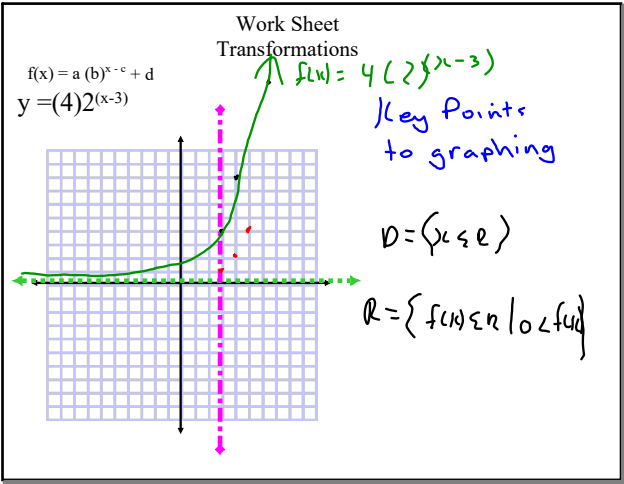
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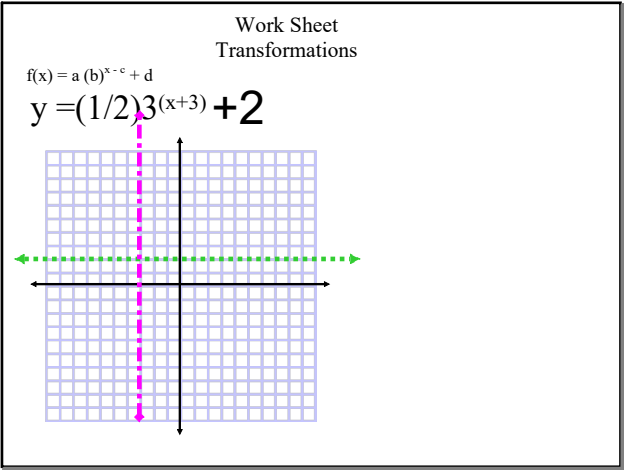
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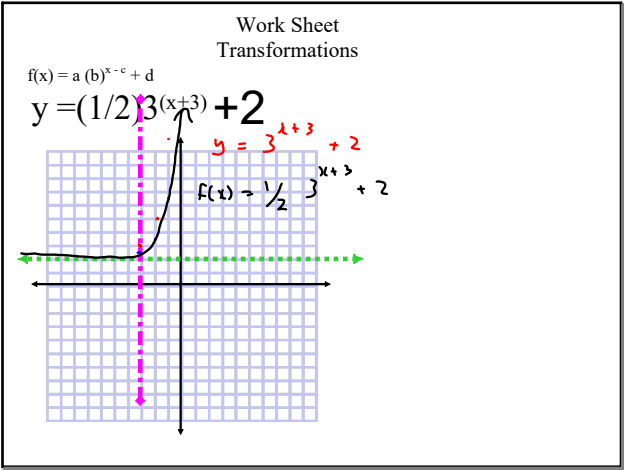
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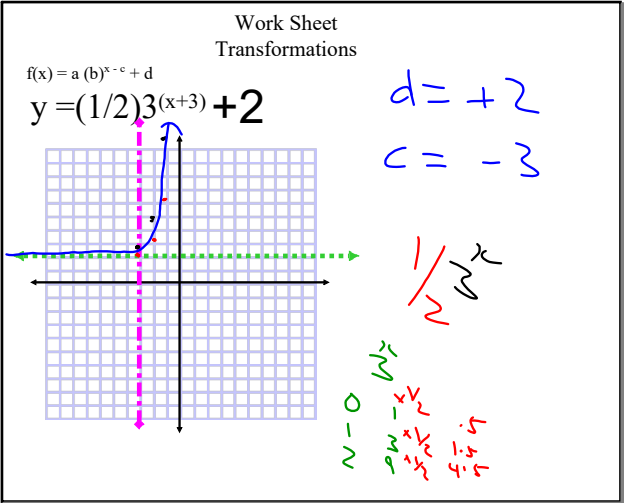
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p. 423-424
q. 2

$$f(x) = (2) 3^{x-2} + 4$$

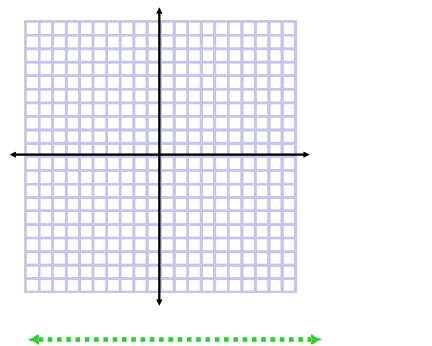
$$f(x) = \left(\frac{1}{2}\right) 2^{x+2} - 6$$

$$f(x) = (3) \frac{1}{2}^{x-2} + 4$$

$$f(x) = -2^{x+6} - 2$$

Dec 5-7:26 AM

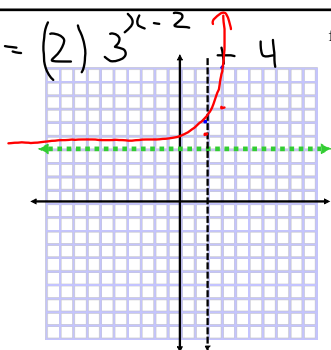
$$f(x) = a(b)^{x-c} + d$$



Nov 24-11:28 AM

$$f(x) = (2) 3^{x-2} + 4$$

$$f(x) = a(b)^{x-c} + d$$

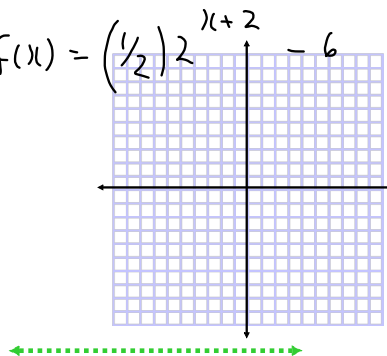


$$\begin{aligned} a &= 2 \\ b &= 3 \\ c &= 2 \\ d &= 4 \end{aligned}$$

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$$f(x) = \left(\frac{1}{2}\right) 2^{x+2} - 6$$

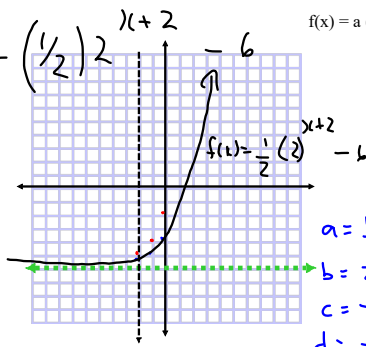
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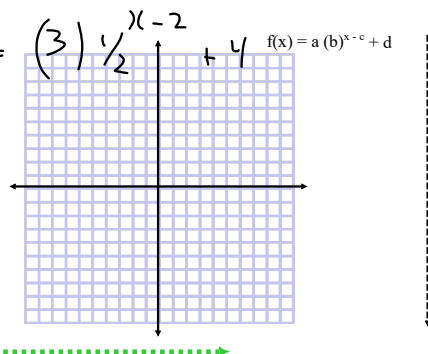


$$\begin{aligned} a &= \frac{1}{2} \\ b &= 2 \\ c &= -2 \\ d &= -6 \end{aligned}$$

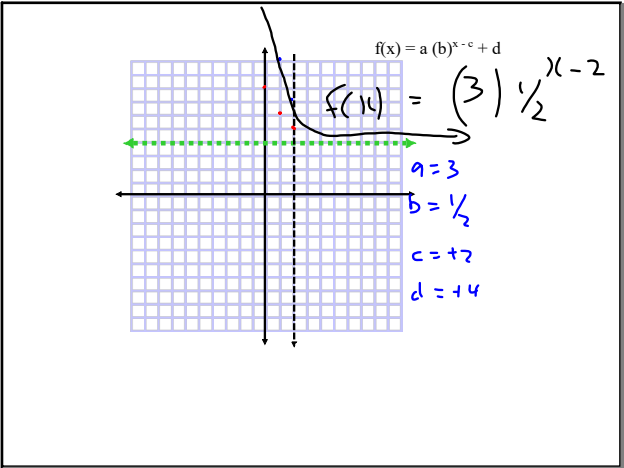
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$$f(x) = (3) \frac{1}{2}^{x-2} + 4$$

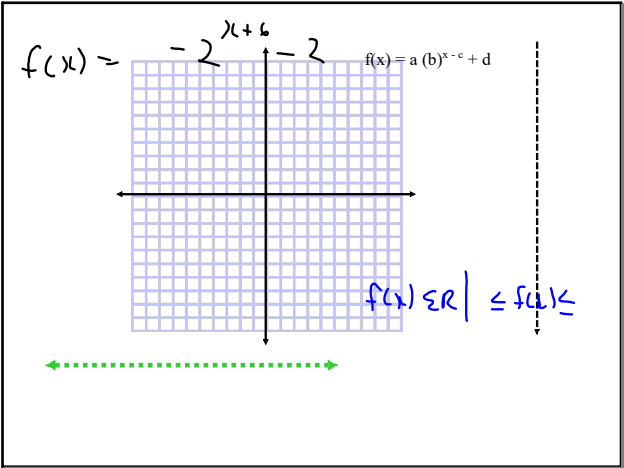
$$f(x) = a(b)^{x-c} + d$$



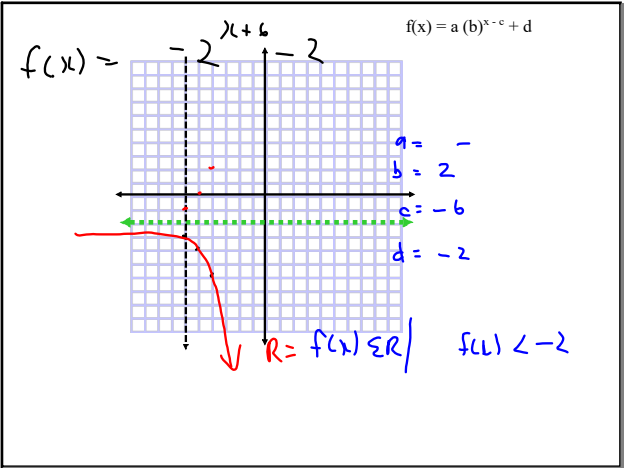
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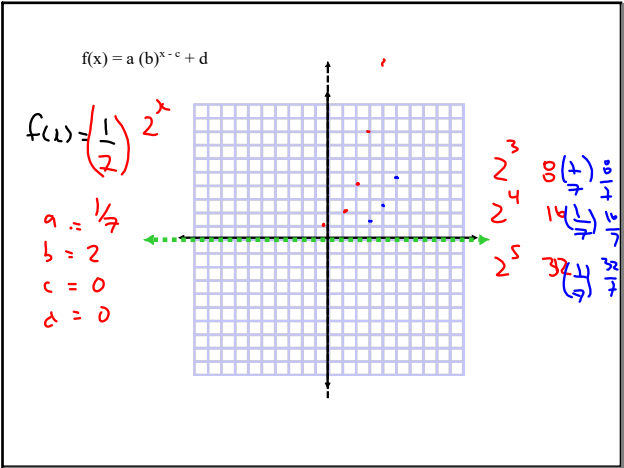
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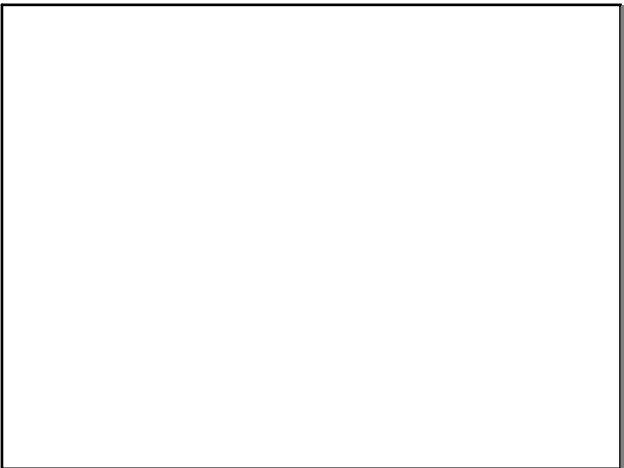
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Nov 28-10:44 AM



Nov 28-11:16 AM